



NSW Site Auditor Scheme

Site Audit Statement

A site audit statement summarises the findings of a site audit. For full details of the site auditor's findings, evaluations and conclusions, refer to the associated site audit report.

This form was approved under the *Contaminated Land Management Act 1997* on 12 October 2017.

For information about completing this form, go to Part IV.

Part I: Site audit identification

Site audit statement no. SAS149Park

This site audit is a:



statutory audit



~~non-statutory audit~~

within the meaning of the *Contaminated Land Management Act 1997*.

Site auditor details

(As accredited under the *Contaminated Land Management Act 1997*)

Name Rebeka Hall

Company Zoic Environmental Pty Ltd

Address Suite 1, Level 9, 189 Kent St SYDNEY NSW

Postcode 2000

Phone 02 9251 8070

Email rebeka.hall@zoic.com.au

Site details

Address Public open space corner of Crewe Place and Rosebery Avenue, Rosebery, NSW

Postcode 2018

Property description

(Attach a separate list if several properties are included in the site audit.)

Lot 308 in DP 1232046.

Local government area City of Sydney Council

Area of site (include units, e.g. hectares) 5,766 m²

Current zoning Zone B4: Mixed Use under City of Sydney LEP (2012)

Regulation and notification

To the best of my knowledge:

☐ ~~the site is the subject of a declaration, order, agreement, proposal or notice under the Contaminated Land Management Act 1997 or the Environmentally Hazardous Chemicals Act 1985, as follows: (provide the no. if applicable)~~

☐ ~~Declaration no.~~

☐ ~~Order no.~~

☐ ~~Proposal no.~~

☐ ~~Notice no.~~

☒ **the site is not** the subject of a declaration, order, proposal or notice under the *Contaminated Land Management Act 1997* or the *Environmentally Hazardous Chemicals Act 1985*.

To the best of my knowledge:

☐ ~~the site has been notified to the EPA under section 60 of the Contaminated Land Management Act 1997~~

☒ the site **has not** been notified to the EPA under section 60 of the *Contaminated Land Management Act 1997*.

Site audit commissioned by

Name Anthony Vardas, Project Manager

Company Karimbla Constructions Services (NSW) Pty Ltd

Address Level 11, Meriton Tower, 528 Kent St, Sydney NSW

Postcode 2000

Site Audit Statement

Phone 02 9287 2573

Email anthonyv@meriton.com.au

~~Contact details for contact person (if different from above)~~

~~Name~~

~~Phone~~

~~Email~~

Nature of statutory requirements (not applicable for non-statutory audits)

☐ ~~Requirements under the Contaminated Land Management Act 1997
(e.g. management order, please specify, including date of issue)~~

☒ Requirements imposed by an environmental planning instrument
(please specify, including date of issue)

Karimbla requires the Site Audit to confirm the site has been remediated to meet their obligation of the transfer of land to Council as required by the Planning Agreement (Ref S116172) (date 1 March 2016), specifically Clause 3.3 (c) which states:

- (c) The Developer must ensure that the Transfer Land is remediated to a level required for the Transfer Land to be fit for its purpose and is free of all encumbrances and affectations (whether registered or unregistered and including without limitation any charge or liability for rates, taxes and charges) except for any encumbrances agreed in writing by the City in its discretion (acting reasonably).

☐ ~~Development consent requirements under the Environmental Planning and Assessment Act 1979 (please specify consent authority and date of issue)~~

☐ ~~Requirements under other legislation (please specify, including date of issue)~~

Purpose of site audit

- ☒ **A1** To determine land use suitability

Intended uses of the land: recreational / open space (Public Park)

~~OR~~

- ~~☐ **A2** To determine land use suitability subject to compliance with either an active or passive environmental management plan~~

~~Intended uses of the land:~~

~~OR~~

~~(Tick all that apply)~~

- ~~☐ **B1** To determine the nature and extent of contamination~~

- ~~☐ **B2** To determine the appropriateness of:~~

~~☐ an investigation plan~~

~~☐ a remediation plan~~

~~☐ a management plan~~

- ~~☐ **B3** To determine the appropriateness of a **site testing plan** to determine if groundwater is safe and suitable for its intended use as required by the *Temporary Water Restrictions Order for the Botany Sands Groundwater Resource 2017*~~

- ~~☐ **B4** To determine the compliance with an approved:~~

~~☐ voluntary management proposal or~~

~~☐ management order under the *Contaminated Land Management Act 1997*~~

- ~~☐ **B5** To determine if the land can be made suitable for a particular use (or uses) if the site is remediated or managed in accordance with a specified plan.~~

~~Intended uses of the land:~~

Information sources for site audit

Consultancies which conducted the site investigations and/or remediation:

- Coffey Services Australia Pty Ltd

Titles of reports reviewed:

- Coffey (16 June 2015) Preliminary Site Contamination Assessment – 5-13 Rosebery Avenue and 25-55 Rothschild Avenue, Rosebery NSW (Ref: GEOTLCOV25209AB-AC);
- Coffey (16 February 2017) Detailed Site Investigation Report – Phase 2 & 4 Development, 5-13 Rosebery Avenue, Rosebery NSW (ref: ENAURHOD04836AD-R02); and

Site Audit Statement

- Coffey (20 April 2018) Detailed Site Investigation – Phase 3 Development, 25-55 Rothschild Avenue, Rosebery NSW (ref: SYDEN215548-R01). Coffey Services Australia Pty Ltd (Coffey) (5 June 2019) Detailed Site Investigation Report – Public Open Space Development Area (Ref: SYDEN226841-R01).
- Coffey Services Australia Pty Ltd (Coffey) (15 March 2019) Waste Classification Assessment for Fill material – Stockpile 2, Stockpile 3 and Stockpile 4 – Public open Space Development Area, 25-55 Rothschild Avenue and 5-13 Rosebery Avenue, Rosebery, NSW (Ref: SYDEN226841-WCC01);
- Coffey (15 March 2019) Waste Classification Assessment for Fill material – Stockpile 1 – Public open Space Development Area, 25-55 Rothschild Avenue and 5-13 Rosebery Avenue, Rosebery, NSW (Ref: SYDEN226841-WCC02); and
- Coffey (5 June 2019) Detailed Site Investigation Report – Public Open Space Development Area (Ref: SYDEN226841-R01).
- Coffey (1 July 2019) Remedial Action Plan – Corner of Crewe Plane and Rosebery Avenue, Rosebery, NSW (Ref: SYDEN226841-R02 Final)
- Coffey (12 September 2019) Meriton Rosebery Redevelopment Public Open Space: Validation Report, Corner of Crewe Place and Rosebery Avenue, Rosebery, NSW (ref: SYDEN226841-R04)

~~Other information reviewed, including previous site audit reports and statements relating to the site:~~

Site audit report details

Title: Site Audit Report Public Open Space, 15 Rosebery Avenue, Rosebery, NSW 2018

Report no. 19055 SAR149Park

Date 13 September 2019

Part II: Auditor's findings

Please complete either Section A1, Section A2 or Section B, not more than one section.
(Strike out the irrelevant sections.)

- Use **Section A1** where site investigation and/or remediation has been completed and a conclusion can be drawn on the suitability of land uses **without the implementation** of an environmental management plan.
- Use **Section A2** where site investigation and/or remediation has been completed and a conclusion can be drawn on the suitability of land uses **with the implementation** of an active or passive environmental management plan.
- Use **Section B** where the audit is to determine:
 - (B1) the nature and extent of contamination, and/or
 - (B2) the appropriateness of an investigation, remediation or management plan¹, and/or
 - (B3) the appropriateness of a site testing plan in accordance with the *Temporary Water Restrictions Order for the Botany Sands Groundwater Source 2017*, and/or
 - (B4) whether the terms of the approved voluntary management proposal or management order have been complied with, and/or
 - (B5) whether the site can be made suitable for a specified land use (or uses) if the site is remediated or managed in accordance with the implementation of a specified plan.

¹ For simplicity, this statement uses the term 'plan' to refer to both plans and reports.

Section A1

I certify that, in my opinion:

The **site is suitable** for the following uses:

(Tick all appropriate uses and strike out those not applicable.)

- ☐ ~~Residential, including substantial vegetable garden and poultry~~
- ☐ ~~Residential, including substantial vegetable garden, excluding poultry~~
- ☐ ~~Residential with accessible soil, including garden (minimal home grown produce contributing less than 10% fruit and vegetable intake), excluding poultry~~
- ☐ ~~Day care centre, preschool, primary school~~
- ☐ ~~Residential with minimal opportunity for soil access, including units~~
- ☐ ~~Secondary school~~
- ☒ Park, recreational open space, playing field
- ☐ ~~Commercial/industrial~~
- ☐ ~~Other (please specify):~~

OR

- ☐ ~~I certify that, in my opinion, the **site is not suitable** for any use due to the risk of harm from contamination.~~

Overall comments:

Survey plans (prepared by Coffey) outlining the depth and final placement of approximately 3,600m³ of asbestos impacted material covered by 3m of clean fill are attached. Should in the future the land use change then the site should be reassessed. The fill material originated from the site.

As per the WA DOH 2009 guidelines for the assessment, remediation and management of asbestos contaminated sites (WA DOH 2009) referenced by NEPM (2013), a site is not deemed to be 'asbestos contaminated' where impacted material is covered by 3 m of clean fill nor requires a Memorial on Title.

Given the guidance for remediation of asbestos impact, Coffey concluded that the on-site burial of approximately 3,600m³ of asbestos contaminated fill material below a depth of at least 3m was appropriate to manage potential health risks associated with the asbestos impacted fill material being retained on site. Future excavation of the public open space area which would disturb the impacted material is not reasonably foreseeable and Coffey considered that the environmental risk posed by the remediated site is negligible and that implementation of an Environmental Management Plan is not warranted. A marker layer of orange plastic was placed on the top of impacted fill as visual indicator of change in site condition.

The Auditor considers that Coffey's conclusion is reasonable and in accordance with the adopted guidance on the management of asbestos impacted material.

The Auditor advises Council, as the future owner of the property which would be considered a workplace, the site should be listed on Council's asbestos register to meet WHS regulations.

~~Section A2~~

~~I certify that, in my opinion:~~

~~Subject to compliance with the **attached** environmental management plan² (EMP), the site is suitable for the following uses:~~

~~(Tick all appropriate uses and strike out those not applicable.)~~

- ☐ ~~Residential, including substantial vegetable garden and poultry~~
 - ☐ ~~Residential, including substantial vegetable garden, excluding poultry~~
 - ☐ ~~Residential with accessible soil, including garden (minimal home grown produce contributing less than 10% fruit and vegetable intake), excluding poultry~~
 - ☐ ~~Day care centre, preschool, primary school~~
 - ☐ ~~Residential with minimal opportunity for soil access, including units~~
 - ☐ ~~Secondary school~~
 - ☐ ~~Park, recreational open space, playing field~~
 - ☐ ~~Commercial/industrial~~
 - ☐ ~~Other (please specify):~~
-

~~EMP details~~

~~Title~~

~~Author~~

~~Date~~

~~No. of pages~~

~~EMP summary~~

~~This EMP (attached) is required to be implemented to address residual contamination on the site.~~

~~The EMP: (Tick appropriate box and strike out the other option.)~~

- ☐ ~~requires operation and/or maintenance of **active** control systems³~~
- ☐ ~~requires maintenance of **passive** control systems only³~~

² Refer to Part IV for an explanation of an environmental management plan.

³ Refer to Part IV for definitions of active and passive control systems.

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~~Purpose of the EMP:~~

~~Description of the nature of the residual contamination:~~

~~Summary of the actions required by the EMP:~~

~~How the EMP can reasonably be made to be legally enforceable:~~

~~How there will be appropriate public notification:~~

~~Overall comments:~~

Section B

~~Purpose of the plan⁴ which is the subject of this audit:~~

~~I certify that, in my opinion:~~

~~(B1)~~

~~☐ The nature and extent of the contamination **has** been appropriately determined~~

~~☐ The nature and extent of the contamination **has not** been appropriately determined~~

~~AND/OR (B2)~~

~~☐ The investigation, remediation or management plan **is** appropriate for the purpose stated above~~

~~☐ The investigation, remediation or management plan **is not** appropriate for the purpose stated above~~

~~AND/OR (B3)~~

~~☐ The site testing plan:~~

~~☐ **is** appropriate to determine~~

~~☐ **is not** appropriate to determine~~

~~if groundwater is safe and suitable for its intended use as required by the *Temporary Water Restrictions Order for the Botany Sands Groundwater Resource 2017*~~

~~AND/OR (B4)~~

~~☐ The terms of the approved voluntary management proposal* or management order** (strike out as appropriate):~~

~~☐ **have** been complied with~~

~~☐ **have not** been complied with~~

~~*voluntary management proposal no:~~

~~**management order no:~~

~~AND/OR (B5)~~

~~☐ The site **can be made suitable** for the following uses:~~

~~(Tick all appropriate uses and strike out those not applicable.)~~

⁴ For simplicity, this statement uses the term 'plan' to refer to both plans and reports.

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- ☐ ~~Residential, including substantial vegetable garden and poultry~~
- ☐ ~~Residential, including substantial vegetable garden, excluding poultry~~
- ☐ ~~Residential with accessible soil, including garden (minimal home-grown produce contributing less than 10% fruit and vegetable intake), excluding poultry~~
- ☐ ~~Day care centre, preschool, primary school~~
- ☐ ~~Residential with minimal opportunity for soil access, including units~~
- ☐ ~~Secondary school~~
- ☐ ~~Park, recreational open space, playing field~~
- ☐ ~~Commercial/industrial~~
- ☐ ~~Other (please specify):~~

~~IF the site is remediated/managed* in accordance with the following plan (attached):~~

~~*Strike out as appropriate~~

~~Plan title~~

~~Plan author~~

~~Plan date~~

~~No. of pages~~

~~SUBJECT to compliance with the following condition(s):~~

~~Overall comments:~~

Part III: Auditor's declaration

I am accredited as a site auditor by the NSW Environment Protection Authority (EPA) under the *Contaminated Land Management Act 1997*.

Accreditation no. 0802

I certify that:

- I have completed the site audit free of any conflicts of interest as defined in the *Contaminated Land Management Act 1997*, and
- with due regard to relevant laws and guidelines, I have examined and am familiar with the reports and information referred to in Part I of this site audit, and
- on the basis of inquiries I have made of those individuals immediately responsible for making those reports and obtaining the information referred to in this statement, those reports and that information are, to the best of my knowledge, true, accurate and complete, and
- this statement is, to the best of my knowledge, true, accurate and complete.

I am aware that there are penalties under the *Contaminated Land Management Act 1997* for wilfully making false or misleading statements.

Signed 

Date 13 September 2019

Part IV: Explanatory notes

To be complete, a site audit statement form must be issued with all four parts.

How to complete this form

Part I

Part I identifies the auditor, the site, the purpose of the audit and the information used by the auditor in making the site audit findings.

Part II

Part II contains the auditor's opinion of the suitability of the site for specified uses or of the appropriateness of an investigation, or remediation plan or management plan which may enable a particular use. It sets out succinct and definitive information to assist decision-making about the use or uses of the site or a plan or proposal to manage or remediate the site.

The auditor is to complete either Section A1 or Section A2 or Section B of Part II, **not** more than one section.

Section A1

In Section A1 the auditor may conclude that the land is *suitable* for a specified use or uses OR *not suitable* for any beneficial use due to the risk of harm from contamination.

By certifying that the site is *suitable*, an auditor declares that, at the time of completion of the site audit, no further investigation or remediation or management of the site was needed to render the site fit for the specified use(s). **Conditions must not be** imposed on a Section A1 site audit statement. Auditors may include **comments** which are key observations in light of the audit which are not directly related to the suitability of the site for the use(s). These observations may cover aspects relating to the broader environmental context to aid decision-making in relation to the site.

Section A2

In Section A2 the auditor may conclude that the land is *suitable* for a specified use(s) subject to a condition for implementation of an environmental management plan (EMP).

Environmental management plan

Within the context of contaminated sites management, an EMP (sometimes also called a 'site management plan') means a plan which addresses the integration of environmental mitigation and monitoring measures for soil, groundwater and/or hazardous ground gases throughout an existing or proposed land use. An EMP succinctly describes the nature and location of contamination remaining on site and states what the objectives of the plan are, how contaminants will be managed, who will be responsible for the plan's implementation and over what time frame actions specified in the plan will take place.

By certifying that the site is suitable subject to implementation of an EMP, an auditor declares that, at the time of completion of the site audit, there was sufficient information satisfying guidelines made or approved under the *Contaminated Land Management Act 1997*

(CLM Act) to determine that implementation of the EMP was feasible and would enable the specified use(s) of the site and no further investigation or remediation of the site was needed to render the site fit for the specified use(s).

Implementation of an EMP is required to ensure the site remains suitable for the specified use(s). The plan should be legally enforceable: for example, a requirement of a notice under the CLM Act or a development consent condition issued by a planning authority. There should also be appropriate public notification of the plan, e.g. on a certificate issued under s.149 of the *Environmental Planning and Assessment Act 1979*.

Active or passive control systems

Auditors must specify whether the EMP requires operation and/or maintenance of active control systems or requires maintenance of passive control systems only. Active management systems usually incorporate mechanical components and/or require monitoring and, because of this, regular maintenance and inspection are necessary. Most active management systems are applied at sites where if the systems are not implemented an unacceptable risk may occur. Passive management systems usually require minimal management and maintenance and do not usually incorporate mechanical components.

Auditor's comments

Auditors may also include **comments** which are key observations in light of the audit which are not directly related to the suitability of the site for the use(s). These observations may cover aspects relating to the broader environmental context to aid decision-making in relation to the site.

Section B

In Section B the auditor draws conclusions on the nature and extent of contamination, and/or suitability of plans relating to the investigation, remediation or management of the land, and/or the appropriateness of a site testing plan in accordance with the *Temporary Water Restrictions Order for the Botany Sands Groundwater Source 2017*, and/or whether the terms of an approved voluntary management proposal or management order made under the CLM Act have been complied with, and/or whether the site can be made suitable for a specified land use or uses if the site is remediated or managed in accordance with the implementation of a specified plan.

By certifying that a site *can be made suitable* for a use or uses if remediated or managed in accordance with a specified plan, the auditor declares that, at the time the audit was completed, there was sufficient information satisfying guidelines made or approved under the CLM Act to determine that implementation of the plan was feasible and would enable the specified use(s) of the site in the future.

For a site that *can be made suitable*, any **conditions** specified by the auditor in Section B should be limited to minor modifications or additions to the specified plan. However, if the auditor considers that further audits of the site (e.g. to validate remediation) are required, the auditor must note this as a condition in the site audit statement. The condition must not specify an individual auditor, only that further audits are required.

Auditors may also include **comments** which are observations in light of the audit which provide a more complete understanding of the environmental context to aid decision-making in relation to the site.

Part III

In **Part III** the auditor certifies their standing as an accredited auditor under the CLM Act and makes other relevant declarations.

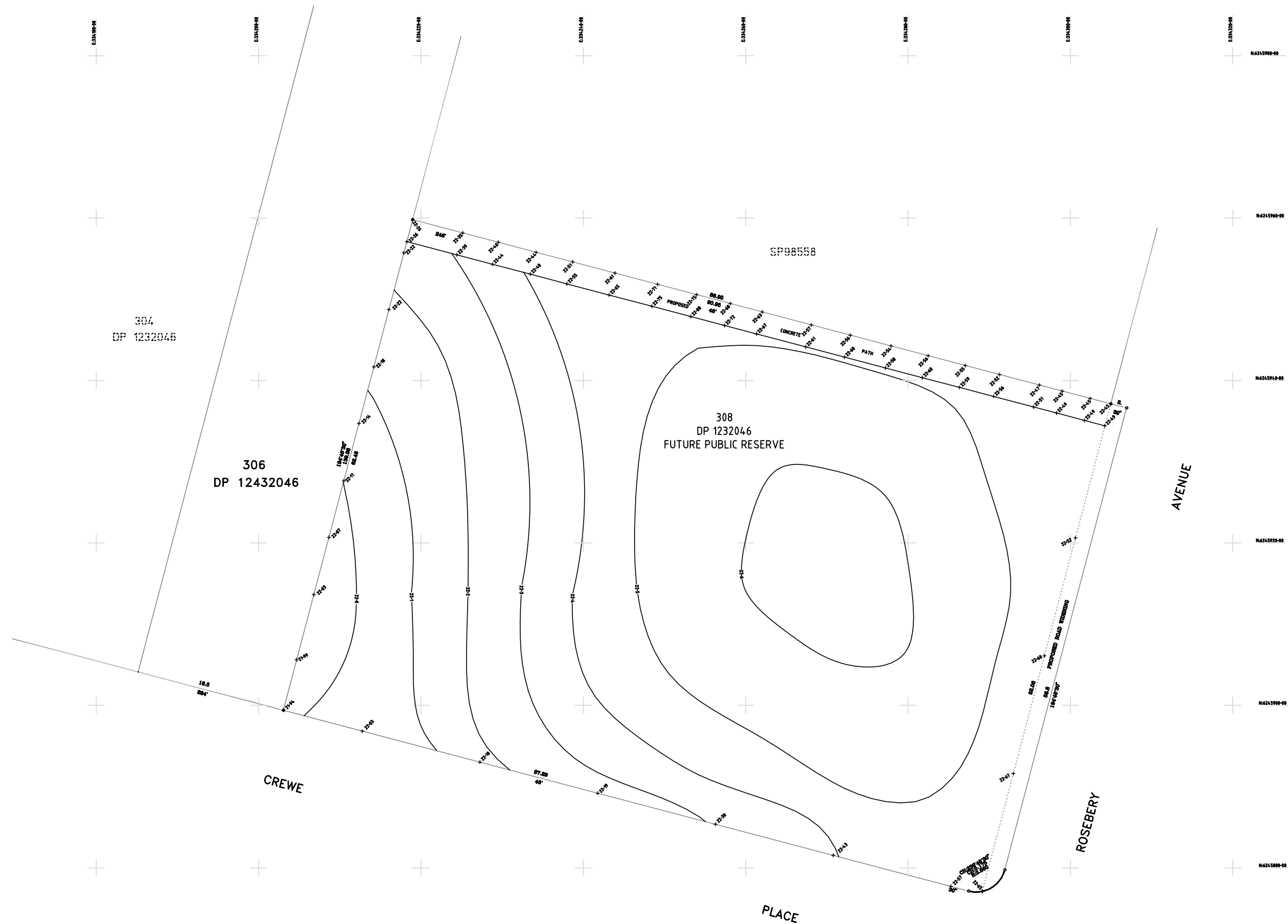
Where to send completed forms

In addition to furnishing a copy of the audit statement to the person(s) who commissioned the site audit, statutory site audit statements must be sent to

- the **NSW Environment Protection Authority**:
nswauditors@epa.nsw.gov.au or as specified by the EPA

AND

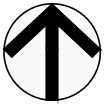
- the **local council** for the land which is the subject of the audit.



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revision	no.	description	drawn	approved	date	<div><div><div>5</div><div>0</div><div>5</div><div>15</div><div>25</div></div><div>Scale (metres) Custom</div></div> <div>SOURCE: JBW SURVEYORS PTY LTD - REF: 125141 - 30/07/2019</div>	drawn	JS / AW	<div><div>coffey</div><div>A TETRA TECH COMPANY</div></div>	client: KARIMBLA CONSTRUCTIONS SERVICES (NSW) PTY LTD		
	A	ORIGINAL ISSUE					approved	JS		project: PUBLIC OPEN SPACE VALIDATION REPORT CORNER OF CREWE PLACE AND ROSEBERY AVENUE ROSEBERY, NSW		
							date	14/08/2019		title: FINISHED DESIGN LEVELS		
							scale	AS SHOWN		project no: 754-SYDEN226841-R04		
							original size	A3		figure no: FIGURE D1		rev: A

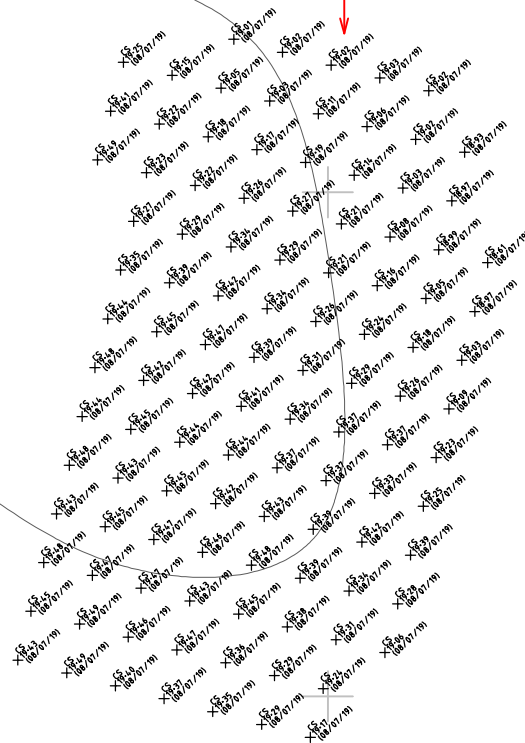
LOT DATE: 14/08/2019 4:16:17 PM DWG FILE: F:\1. PROJECTS\1. SYDENENV\2019\SYDEN26841 MERITON ROSEBERRY POS\CAD\754-SYDEN26841-R04.DWG



STAGE 1 NORTH

STAGE 1 CELL

308
DP 1232046
FUTURE PUBLIC RESERVE



22-60
58.8
194°46'30"
PROPOSED ROAD WIDENING



Scale (metres) 1:300

SOURCE: JBW SURVEYORS PTY LTD - REF: 125141 - 30/07/2019

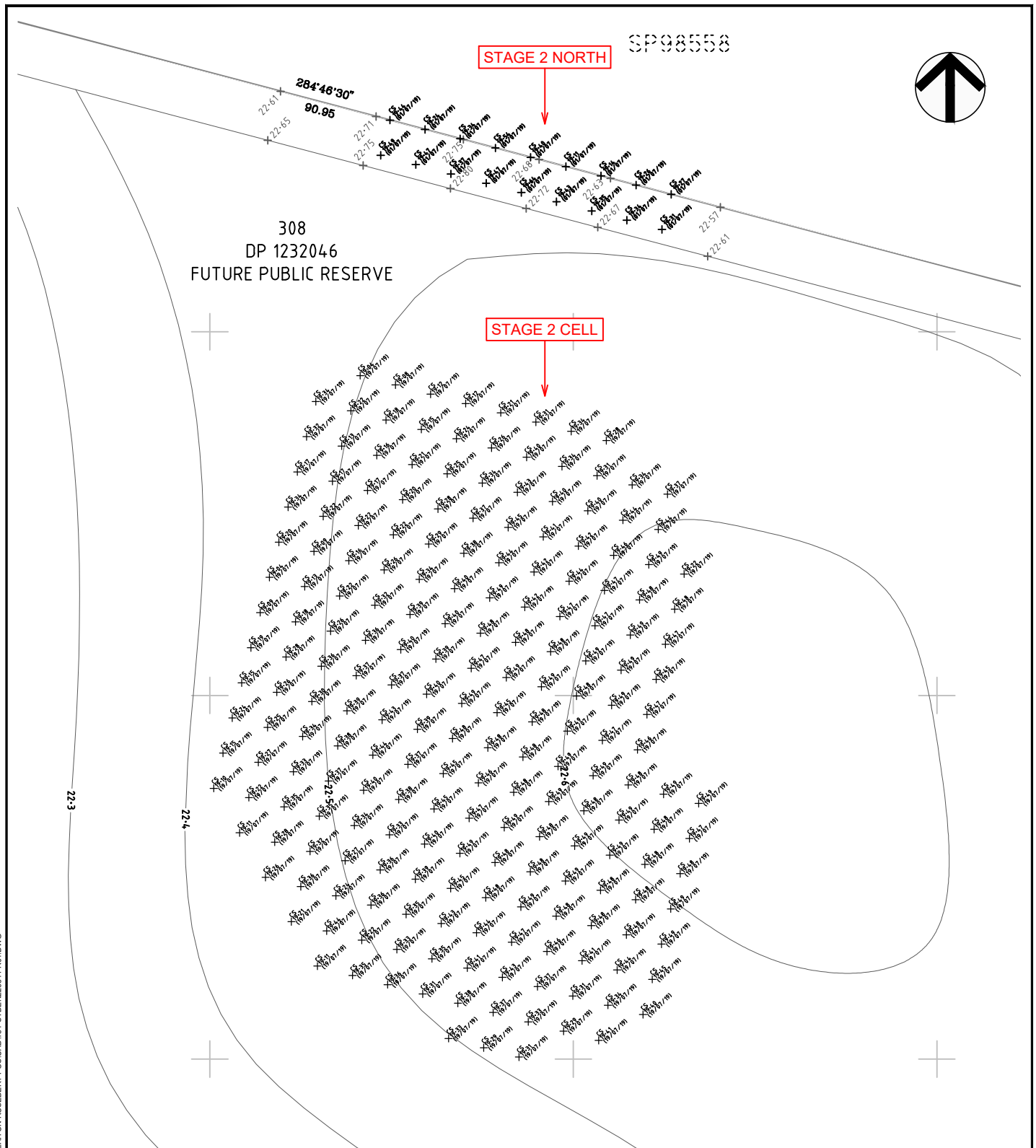
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approved	-
date	14/08/2019
scale	AS SHOWN
original size	A4



client:	KARIMBLA CONSTRUCTIONS SERVICES (NSW) PTY LTD		
project:	PUBLIC OPEN SPACE VALIDATION REPORT CORNER OF CREWE PLACE AND ROSEBERY AVENUE ROSEBERY, NSW		
title:	STAGE 1 SURVEY DETAILS		
project no:	754-SYDEN226841-R04	figure no:	FIGURE D3
		rev:	A


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SOURCE: JBW SURVEYORS PTY LTD - REF: 125141 - 30/07/2019

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approved	-		project:	PUBLIC OPEN SPACE VALIDATION REPORT CORNER OF CREWE PLACE AND ROSEBERY AVENUE ROSEBERY, NSW		
date	14/08/2019		title:	STAGE 2 SURVEY DETAILS		
scale	AS SHOWN		project no:	754-SYDEN226841-R04	figure no:	FIGURE D4
original size	A4				rev:	A

